Listing of the Claims

1. (Previously Presented) A method for performing a high-throughput analysis, in which samples are analyzed in a continuous manner and in which biochips with a multiplicity of measurement spots are used, comprising:

applying a measurement liquid to the spots or biochip situated on a carrier;

analyzing the samples of measurement liquid, wherein the applying and analyzing are effected simultaneously at different spots or biochips, and wherein the carrier is moved to permit a continuous measurement at a speed determined by a movement cycle of the carrier.

2. (Previously Presented) The method as claimed in claim 1, wherein at least one of temperature regulation and air conditioning of the measurement liquid samples is interposed between the applying and analyzing.

3. (Previously Presented) The method as claimed in claim 2, wherein the air conditioning, if performed, serves as residence time of the measurement sample on the biochip.

4. (Previously Presented) The method as claimed in claim 1, wherein a temperature regulation is effected following the sample application.

5. (Previously Presented) The method as claimed in claim 1, wherein at least one spot array is enclosed by a hollow body in order to create a spatial separation from other spot arrays.

6. (Previously Presented) The method as claimed in claim 5, wherein the hollow body is placed onto the biochip arrangement in such a way that it surrounds at least one spot array in sealing fashion with a peripheral wall.

7. (Previously Presented) The method as claimed in claim 5, wherein the hollow body serves for air conditioning of the gas phase present above a spot array.

8. (Previously Presented) The method as claimed in claim 6, wherein a rinsing liquid is conducted through an internal space of the hollow body.

9. (Previously Presented) The method as claimed in claim 5, wherein the carrier is one made of a flat material.

10. (Previously Presented) The method as claimed in claim 9, wherein a biochip arrangement with a tape-type carrier made of flexible material is used.

11. (Previously Presented) The method as claimed in claim 10, wherein the tape-type carrier is unwound from a roll and transported through an analysis unit.

12. (Previously Presented) The method as claimed in claim 1, wherein the carrier is one populated with electrically readable biochips.

13. (Previously Presented) The method as claimed in claim 1, wherein the carrier is one on which analysis-specific data are present.

14. (Previously Presented) The method as claimed in claim 1, wherein, for temperature control of a spot array or a reaction that takes place there, heat is supplied or dissipated from the rear side region of the carrier opposite to the array.

15. (Previously Presented) The method as claimed in claim 14, wherein, for the purpose of supplying heat or dissipating heat, the rear side region is brought into areal contact with a coolable or heatable body.

16. (Previously Presented) A device for analyzing samples in a continuous manner and in which biochips with a multiplicity of measurement spots are used, comprising:

a carrier, wherein the biochips are arrangeable at a mutual distance on the carrier, the carrier being movable in a determinable cycle;

means for supplying a measurement liquid to the spots or biochips on the carrier; and

means for analyzing the samples of measurement liquid, wherein the applying and analyzing are effected simultaneously at different spots or biochips.

17. (Previously Presented) The device as claimed in claim 16, wherein the spot arrays are arranged in a depression.

18. (Previously Presented) The device as claimed in claim 16, wherein data for analysis control and data concerning the type and position of the spot arrays are present on the carrier.

19. (Previously Presented) The device as claimed in claim 18, wherein the data are stored in at least one memory chip.

20. (Previously Presented) The device as claimed in claim 16, wherein the carrier is essentially formed from a flat material.

21. (Previously Presented) The device as claimed in claim 20, wherein the carrier is formed as a flexible tape.

22. (Previously Presented) The device as claimed in claim 16, wherein the biochips are electrically readable biochips, each including a spot array and electrical contact areas.

23. (Previously Presented) The device as claimed in claim 22, wherein the spot arrays and the contact areas are arranged on different sides of the carrier.

24. (Previously Presented) The device as claimed in claim 22, wherein the biochips are embedded in an electrically insulating encapsulating composition, a cutout that frees the spot array and forms a depression being present in the encapsulating composition.

25. (Previously Presented) The device as claimed in claim 24, wherein a top side of the encapsulating composition that encompasses the cutout is formed as a planar area.

26. (Previously Presented) The device as claimed in claim 18, wherein the carrier includes a perforation extending in its longitudinal direction.

27. (Previously Presented) The device as claimed in claim 26, wherein the carrier includes a perforation on both sides and a width of 36 mm.

28. (Previously Presented) The method as claimed in claim 6, wherein the hollow body serves for air conditioning of the gas phase present above a spot array.

29. (Previously Presented) The device as claimed in claim 17, wherein data for analysis control and data concerning the type and position of the spot arrays are present on the carrier.

30. (Previously Presented) The device as claimed in claim 29, wherein the data are stored in at least one memory chip.

31. (Previously Presented) The device as claimed in claim 23, wherein the biochips are embedded in an electrically insulating encapsulating composition, a cutout that frees the spot array and forms a depression being present in the encapsulating composition.